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To: Examiner Deborah Crouch
USPTO
Art Unit: 1632
Confirmation No.: 1839

From: Xiaochun Zhu, Ph.D.

Fax: (571) 273-8300

Pages: 66 (including cover sheet)

Phone:

Date: August 24, 2005

Re: Benjamin Reubinoff, et al.
U.S. Patent Appln. No. 09/970,543
Filed: October 4, 2001
Our Docket: 14418Z

CC:

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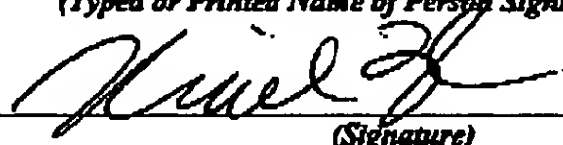
The following is being transmitted (see attached):

1. Transmittal of Information Disclosure Statement (in dup)
2. Information Disclosure Statement
3. Form PTO-1449
4. Four (4) References
5. Authorization to charge Deposit Account 19-1013/SSMP for \$180.00
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CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)			Docket No.
Applicant(s): Benjamin Reubinoff, et al.			14418Z
Application No. 09/970,543	Filing Date October 4, 2001	Examiner Deborah Crouch	Group Art Unit 1632
Invention: EMBRYONIC STEM CELLS AND NEURAL PROGENITOR CELLS DERIVED THEREFROM			
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TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(d))

Docket No.
14418Z

In Re Application Of: **Benjamin Reublnoff, et al.**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
09/970,543	October 4, 2001	Deborah Crouch	23389	1632	1839

Title: EMBRYONIC STEM CELLS AND NEURAL PROGENITOR CELLS DERIVED THEREFROM

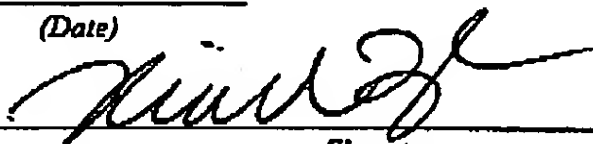
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The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(c), and on or before payment of the issue fee, and is accompanied by the Statement as specified in 37 CFR 1.97(e) and the fee set forth in 37 CFR 1.17(p).

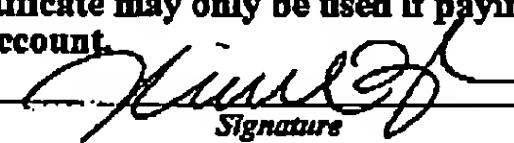
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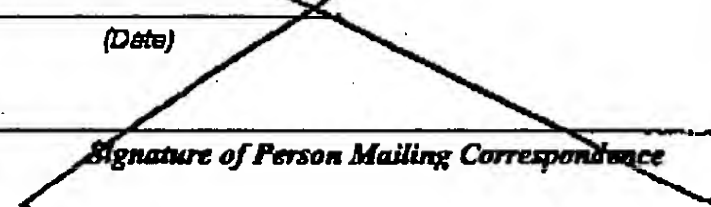
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Xiaochun Zhu
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Benjamin Reubinoﬀ, et al.	Examiner:	Deborah Crouch
Serial No.:	09/970,543	Art Unit:	1632
Filed:	October 4, 2001	Docket:	14418Z
For:	EMBRYONIC STEM CELLS AND NEURAL PROGENITOR CELLS DERIVED THEREFROM	Dated:	August 24, 2005

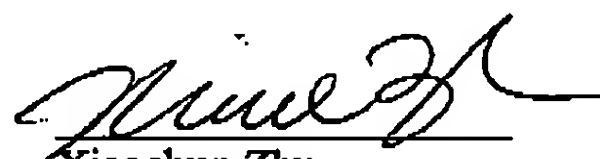
Confirmation No.: 1839Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, it is requested that the following references, which are also listed on the attached Form PTO-1449, be made of record in the above-identified case.

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Dated: August 24, 2005
Xiaochun Zhu

08/25/2005 SDIRETA1 00000055 191013 09970543

01 FC:1806 180.00 DA

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1. M. J. Shamblott, et al., "Derivation of pluripotent stem cells from cultured human primordial germ cells", Proc. Natl. Acad. Sci. USA, 95: 13726-13731 (1998);
2. Sang-Hun Lee, et al., "Efficient generation of midbrain and hindbrain neurons from mouse embryonic stem cells", Nature Biotechnology, 18: 675-679 (2000);
3. Diana L. Clarke, et al., "Generalized Potential of Adult Neural Stem Cells, Science, 288: 1660-1663 (2000); and
4. Australian Patent Application No. 2001263199 B2, published November 26, 2001 (which corresponds to International Publication No. WO01/88104).

Applicants are submitting copies of the above-cited references.

The references were cited in an Opposition filed on August 3, 2005 with the Australian Patent Office in the corresponding Australian Patent Application No. 779694.

The following references were also cited in the Opposition, but were either already cited by the Examiner in the Office Action dated March 5, 2004, or already submitted in the Information Disclosure Statement dated April 29, 2004 or the Information Disclosure Statement dated December 18, 2003, and therefore copies are not provided:

M. Li, et al., "Generation of Purified Neural Precursors from Embryonic Stem Cells by Lineage Selection", Current Biology, 8(17): 971-974 (1998); T. Mujtaba, et al., "Lineage-Restricted Neural Precursors Can Be Isolated from Both the Mouse Neural Tube and Cultured ES Cells", Developmental Biology, 214: 113-127 (1999); O. Brustle, et al. "Embryonic stem cell-derived glial precursors: A source of myelinating transplants" Science, 285: 754-756 (1999); Australian Patent Application No. 25106/99, published July 12, 1999 (which corresponds to International Publication No. WO 99/32606); and B. E. Reubinoff, et al. "Embryonic stem cell lines from human blastocysts: somatic differentiation in vitro" Nature Biotech. 18: 399-404 (2000).

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The undersigned attorney hereby states that each item of References Nos. 1-4 was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

Consideration of this Information Disclosure Statement is respectfully requested, since the art provided may be material to the examination of the present application as defined under 37 C.F.R. §1.56.

This Information Disclosure Statement is being submitted in accordance with the schedule set out in 37 C.F.R. § 1.97(d)(1)(2) and statement under 37 C.F.R. §1.97(e)(1). The Commissioner is hereby authorized to charge the fee in the amount of \$180.00 associated with this communication or credit any overpayment to Deposit Account No. 19-1013/SSMP.

Respectfully submitted,



Xiaochun Zhu
Registration No. 56,311

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Sheet 1 of 1

Form PTO-1449 (REV. 7-80) PATENT AND TRADEMARK OFFICE		U.S. DEPARTMENT OF COMMERCE		Atty. Docket No. (Optional)		Application Number	
INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				14418Z		09/970,543	
				Applicant(s) Benjamin Reubinoff, et al.			
				Filing Date October 4, 2001		Group Art Unit 1632	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (if appropriate)
	AA						
FOREIGN PATENT DOCUMENTS							
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
		2001263199 B2	11/26/01	Australia			
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
		M. J. Shablott, et al., "Derivation of pluripotent stem cells from cultured human primordial germ cells", <u>Proc. Natl. Acad. Sci. USA</u> , <u>95</u> : 13726-13731 (1998)					
		Sang-Hun Lee, et al., "Efficient generation of midbrain and hindbrain neurons from mouse embryonic stem cells", <u>Nature Biotechnology</u> , <u>18</u> : 675-679 (2000)					
		Diana L. Clarke, et al., "Generalized Potential of Adult Neural Stem Cells, <u>Science</u> , <u>288</u> : 1660-1663 (2000)					
EXAMINER				DATE CONSIDERED			
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